

Interview Summary	Application No.		Applicant(s)	
	10/731,496		CAMP, DAVID	
	Examiner		Art Unit	
	Nicole Coy		3672	

All participants (applicant, applicant's representative, PTO personnel):

(1) Nicole Coy.

(3) David Camp.

(2) Butch Neuder.

(4) _____.

Date of Interview: 30 November 2006.

Type: a) ☐ Telephonic b) ☐ Video Conference

c) ☒ Personal [copy given to: 1) ☒ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.

If Yes, brief description: _____.

Claim(s) discussed: 1-15.

Identification of prior art discussed: na.

Agreement with respect to the claims f) ☒ was reached. g) ☐ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: It was agreed that the attached claim would be allowable over the prior art of record and overcome any 112 issues. It was also suggested to cancel claims 1, and 6-15 and amend claims 2-5 to depend from the newly rewritten independent claim. see attachment

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.


Examiner's signature, if required

1b. ^(new) A drilling tool assembly comprising Attachment A

a steering system
a drilling motor
an orienter and
a drill bit

- wherein said drilling motor includes a ^{motor} output shaft which provides output power to said drill bit;
- wherein said orienter includes a first non-rotatable housing and a second rotatable housing;
- wherein said first non-rotatable housing surrounds a clutch mechanism and a speed reduction system;
 - wherein said clutch mechanism transmits rotary power from said motor output shaft to said speed reduction system, said speed reduction system located between said clutch mechanism and said second rotatable housing;
- wherein said second rotatable housing includes ^a flexible coupling connecting said motor output shaft to an orienter drive shaft which is connected to said drill bit;
- wherein said second rotatable housing further includes a bent portion surrounding said orienter drive shaft;
- whereby when said clutch mechanism is actuated, rotary power from said motor output shaft is transmitted through said clutch mechanism, through said speed reduction system to rotate said second rotatable housing, while said orienter drive shaft continues to rotate said drill bit.

17.) The drilling assembly as defined in
claim 16 wherein;

said drilling tool assembly constructed and
arranged for mounting to the end of a
length of coiled tubing.